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IMMEDIATE RELEASE
August 21, 2007, MTS125



C-Series sensor is small, embeddable, and absolute...

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DEMAND FOR MTS C-SERIES SENSOR GROWS IN MEDICAL APPLICATIONS

CARY, N.C. (August 21, 2007) — MTS Sensors has developed a C-Series sensor that is ideal for linear-position and liquid-level measurement in medical applications such as fluid collection and disposal, contrast injection fluid delivery, hospital bed motion, dental chair positioning, and patient mobility and accessibility equipment. The C-Series is an ideal, cost-effective solution for medical applications because it is small, embeddable, highly repeatable and reliable. Based on proven Temposonics[®] technology, the C-Series sensor replaces older technology sensors such as linear potentiometers and LVDTs with reliable, non-contact magnetostrictive sensors.

“Size is critical in medical applications, and the C-Series’ small dimensions, as well as its ability to be either embedded or bolted on, makes it a versatile option for patient-focused equipment,” said Jesse Russell, MTS Commercial Products Marketing Manager. “In addition, the C-Series technology and durability are a good fit for the high-reliability expectations of often mission-critical equipment used in hospitals and medical facilities.”

Another significant benefit of the C-Series sensor is that it is absolute, so when there is a power glitch or loss, a process can resume where it left off without necessitating recalibration.

MTS' C-SERIES SENSOR IDEAL FOR MEDICAL APPLICATIONS, PAGE 2

The C-Series Core sensor has a 0 to 5Vdc or PWM output available, and can be powered with a standard 5 Volt power supply. In addition, the modular architecture allows the addition of a second electronics board that configures the sensor to operate using 12- or 24-volt power and also adds additional protection circuitry for EMI immunity.

Also, a three-wire option that replaces the integrated connector with three discrete wires allows sealing against the wire insulation instead of a cable jacket providing a water-tight method of sealing of the electronics housing. When more robust environmental protection is required by the application, the modular design of the C-Series sensor allows for the addition of standardized IP67 rated packaging that effectively houses the Core sensor.

For more information about the C-Series sensors, contact Jesse Russell, MTS Sensors Division, at 919-677-2314, jesse.russell@mts.com or via the Web at www.mtssensors.com.

MTS Sensors, a division of MTS Systems Corp., is the global leader in the development and production of magnetostrictive linear-position and liquid-level sensors. Based on MTS' patented Temposonics[®] technology, the Sensors Division is continually developing new ways to apply magnetostrictive sensing technology to solve critical applications in a variety of markets worldwide. With facilities in the U.S., Germany and Japan, MTS Sensors Division is an ISO 9001 certified supplier committed to providing innovative sensing solutions that deliver customers with reliable, cost effective sensing devices.

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